

Figure 4.5 shows a view of the girder at the end of the fatigue test. Cracking in the girder at that stage can be characterized as follows:

- (1) Crack spacing ranged from 203 to 254 mm (8 to 10 in.).
- (2) Cracks existed in the central part of 4.12 m (13. ft.) of the girder and remained unchanged during the last eight static tests.
- (3) The maximum crack length was 1,194 mm (47 in.) near the midspan.
- (4) The maximum crack width was 0.64 mm (0.025 in.) under a load of 1,130 kN (254 kips).

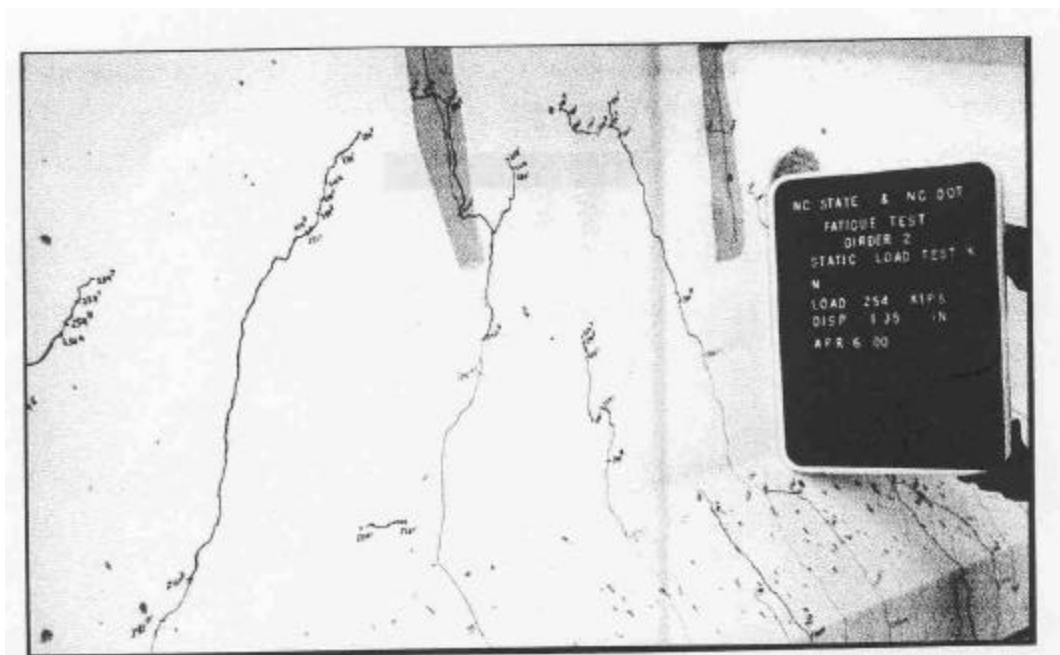


Figure 4.5 View of Crackings after Static Load K